

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**

L Number	Hits	Search Text	DB	Time stamp
6	3	("3065588"   "3186152"   "3420041").PN.	USPAT	2004/07/06 14:15
7	12	3636686.URPN.	USPAT	2004/07/06 14:15
-	18	((("4598536") or ("4084284") or ("3908224") or ("3805500") or ("3678665") or ("3134118") or ("2525090"))).PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/30 16:17
-	4	("3908221").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/30 14:02
-	207	56/\$.ccls. and ((bag or catcher or catching) with (wheel or roller))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/30 16:03
-	5	("4126986"   "4152884"   "4444002"   "4702063"   "4936083").PN.	USPAT	2004/06/30 16:03
-	6	((("4442567") or ("4357728"))).PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/30 16:04
-	8	((("1917782") or ("2568045") or ("2654106"))).PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/30 16:18
-	2	1917782.URPN.	USPAT	2004/06/30 16:18
-	0	2568045.URPN.	USPAT	2004/06/30 16:19
-	0	2568045.URPN.	USPAT	2004/06/30 16:19
-	1	2654106.URPN.	USPAT	2004/06/30 16:20
-	7	3134118.URPN.	USPAT	2004/06/30 16:20
-	7	("3134118"   "3201819"   "3094830"   "2632989"   "2700863"   "2669078"   "3199277").PN.	USPAT	2004/06/30 16:21
-	4	3664099.URPN.	USPAT	2004/06/30 16:22
-	6	("1615928"   "2642710"   "2749564"   "3134118"   "3308612"   "3545187").PN.	USPAT	2004/06/30 16:22
-	3	3678665.URPN.	USPAT	2004/06/30 16:23
-	5	("1039355"   "3119136"   "1283325"   "2712720"   "2494062").PN.	USPAT	2004/06/30 16:24
-	2	3691740.URPN.	USPAT	2004/06/30 16:25
-	4	("2088209"   "2959904"   "3007263"   "3134118").PN.	USPAT	2004/06/30 16:26
-	7	3797578.URPN.	USPAT	2004/06/30 16:26
-	11	("1482954"   "2564201"   "2719396"   "2763116"   "2794308"   "2879074"   "2882668"   "3147987"   "3199277"   "3624989"   "3664099").PN.	USPAT	2004/06/30 16:27
-	14	3802173.URPN.	USPAT	2004/06/30 16:27
-	4	("2973614"   "3129550"   "3133396"   "3618157").PN.	USPAT	2004/06/30 16:29
-	7	3805500.URPN.	USPAT	2004/06/30 16:29
-	2	("3229320"   "3704477").PN.	USPAT	2004/06/30 16:30
-	7	3808627.URPN.	USPAT	2004/06/30 16:30
-	7	3808627.URPN.	USPAT	2004/06/30 16:31

-	9	("0850005"   "0865311"   "0971661"   "1179548"   "1216969"   "2263722"   "2561500"   "2767414"   "3493987").PN.	USPAT	2004/06/30 16:32
-	6	("2194297"   "2505576"   "2520488"   "2525090"   "2755092"   "3564823").PN.	USPAT	2004/06/30 16:33
-	12	3921373.URPN.	USPAT	2004/06/30 16:39
-	4	("2959904"   "3893284"   "3962852"   "3998034").PN.	USPAT	2004/06/30 16:46
-	6	("2401986"   "2525090"   "2678462"   "3134118"   "3827707"   "3908221").PN.	USPAT	2004/06/30 16:47
-	4	4084284.URPN.	USPAT	2004/06/30 16:48
-	4	4084284.URPN.	USPAT	2004/06/30 16:48
-	4	("3367459"   "3543892"   "4058957"   "4117651").PN.	USPAT	2004/06/30 16:48
-	10	4213288.URPN.	USPAT	2004/06/30 16:48
-	11	("0875831"   "1119898"   "1591775"   "3222853"   "3736736"   "3805500"   "3987606"   "4054023"   "4095398"   "4151702"   "4168600").PN.	USPAT	2004/06/30 16:49
-	6	4262475.URPN.	USPAT	2004/06/30 16:50
-	17	("0868269"   "2007518"   "2503118"   "2973614"   "3129550"   "3133396"   "3387346"   "3441655"   "3522695"   "3618157"   "3791118"   "3805500"   "3874154"   "3903565"   "3995414"   "4142351"   "4233806").PN.	USPAT	2004/06/30 16:50
-	10	4598536.URPN.	USPAT	2004/06/30 16:51
-	25	("2134978"   "2637965"   "3426513"   "3541766"   "3624989"   "3664099"   "3708968"   "3953184"   "3974631"   "3987606"   "4043100"   "4047368"   "4054023"   "4081947"   "4095398"   "4173111"   "4251241"   "4259832"   "4268288"   "4336040"   "4345416"   "4373228"   "4426830"   "4433532"   "4593429").PN.	USPAT	2004/06/30 16:52
-	9	4819417.URPN.	USPAT	2004/06/30 16:53
-	5	("4126986"   "4152884"   "4444002"   "4702063"   "4936083").PN.	USPAT	2004/06/30 16:54
-	3	5163278.URPN.	USPAT	2004/06/30 16:54
-	4	("3183650"   "3559337"   "3945370"   "4094095").PN.	USPAT	2004/06/30 16:55
-	2	5305584.URPN.	USPAT	2004/06/30 16:55
-	15	("4350356"   "4361245"   "4503661"   "4521043"   "D288493"   "4697834"   "4796938"   "5076045"   "5163278"   "5205107"   "5971410"   "6082574"   "6161851"   "6267393"   "6325395").PN.	USPAT	2004/06/30 16:55
-	1	6585304.URPN.	USPAT	2004/06/30 16:57
-	3	2494062.URPN.	USPAT	2004/06/30 17:04
-	4	2525090.URPN.	USPAT	2004/06/30 17:04
-	3	2959904.URPN.	USPAT	2004/06/30 17:04
-	3	3119136.URPN.	USPAT	2004/06/30 17:05
-	3	3129550.URPN.	USPAT	2004/06/30 17:05
-	24	3624989.URPN.	USPAT	2004/06/30 17:05

-	12	("2431834"   "2437029"   "2789829"   "2938748"   "2992011"   "3106303"   "3367676"   "3388919"   "3690692"   "3936068"   "4061360"   "4106739").PN.	USPAT	2004/06/30 17:07
-	8	4350356.URPN.	USPAT	2004/06/30 17:07
-	791	(56/199,202,205,206).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/30 17:11
-	2	("3568421"   "3750378").PN.	USPAT	2004/07/01 14:36
-	13	4043102.URPN.	USPAT	2004/07/01 14:37